

## **GOALS AND MODIFICATIONS FOR FY05/06**

### **I. PUBLIC EDUCATION AND OUTREACH**

#### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 13.

#### **MODIFICATIONS TO MEASURABLE GOALS**

##### **TASK 1D. CONDUCT SURVEY**

###### **COUNTY-WIDE PROGRAM**

**Performance Measure:** Collect 300 responses to survey.

The method chosen to establish baseline data on the public's knowledge of stormwater issues was to conduct a survey at community events (i.e. Earth Day, Home and Garden Show). While this has worked for some municipalities, especially if they include the opportunity of winning a prize for filling out the survey, community events were found to be a poor venue for conducting surveys. During the course of the year it was determined that there are three main drawbacks to conducting the surveys at community events. First, the survey interfered and greatly limited the effectiveness of the main goal of staffing a booth at events which is to educate the public on stormwater issues. Second, conducting the survey as part of a water quality education booth is likely to influence the participant's answers. Lastly, the people who attend Earth Day or the Home and Garden Show are not a good representative sample of the community at large.

Another method of conducting the survey was investigated. The method is to insert the stormwater questionnaire into the garbage bills distributed to every household in the City of Napa. The offer of a prize will be used to encourage participation in the survey. This would be a relatively inexpensive survey to conduct, has the potential to capture a larger sample size, and the sample would be much more representative of Napa County's population. Another method that will be investigated is the survey the City of Petaluma conducted in FY04/05.

##### **TASK 5G. MAIL BROCHURE TO CREEK-SIDE RESIDENCES AND BUSINESSES**

###### **COUNTY-WIDE PROGRAM**

**Performance Measure:** Mail brochure on creek care BMPs to at least 80% of residences and businesses adjacent to streams.

The yardwaste and creek dumping brochure that was developed in FY03/04 was not mailed to streamside residences and businesses because the Napa County RCD is developing a creek care guide for the target audience. The County-wide Program is assisting the RCD with the development of the guide and it will cover a variety of topics including: riparian plants and wildlife, the salmon life cycle, caring for creek banks and riparian vegetation, and reducing non-point sources of pollution. This guide will be completed and mailed to streamside residences and businesses in FY05/06. It is expected that this modification will significantly increase the effectiveness of this outreach effort.

#### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Public Education and Outreach measurable goals.

## **II. PUBLIC INVOLVEMENT AND PARTICIPATION**

### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 13.

### **MODIFICATIONS TO MEASURABLE GOALS**

#### **Task 2B. Storm Drain Stenciling Program**

##### **LOCAL PROGRAMS: NAPA, YOUNTVILLE, CALISTOGA, NAPA COUNTY.**

**Old Performance Measure:** Conduct one storm drain stenciling event per year.

**New Performance Measure:** None. See County-wide Program below.

##### **COUNTY-WIDE PROGRAM**

**Old Performance Measure:** None. See Local Programs above.

**New Performance Measure:** Conduct one storm drain stenciling event in the City of Napa, City of Calistoga, and Napa County each year until all storm drains are marked.

**Effectiveness Measure:** Number of reports of illegal dumping and illicit discharges into storm drains.

The storm drain stenciling program is modified to transfer the responsibility for coordinating volunteers to mark storm drains from the Local Programs to the County-wide Program. Based upon experience gained during the first two years of the SWMP, it was found that it's easier for the County-wide Program to implement the storm drain stenciling program due to its active involvement with schools and community volunteers. The performance measure also needed to be modified to account for Local Programs that have marked all their storm drains. As of September 15<sup>th</sup>, 2005, all the storm drains are marked in the Town of Yountville and City of St. Helena. The Town of Yountville and City of St. Helena will continue to monitor their storm drain inlets and replace markers as needed.

### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Public Involvement and Participation measurable goals.

## **III. ILLICIT DISCHARGE DETECTION AND ELIMINATION**

### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 13.

### **MODIFICATIONS TO MEASURABLE GOALS**

#### **TASK 4E RESTAURANT INSPECTIONS**

##### **COUNTY-WIDE PROGRAM**

**Old Performance Measure:** Inspect at least 25% of restaurants annually.

**New Performance Measure:** None. See Local Programs below.

##### **Local Programs: Napa, Calistoga, Napa County.**

**Old Performance Measure:** None. See County-wide Program above.

## NAPA COUNTY SWMP – ANNUAL REPORT FY 04/05

**New Performance Measure:** Inspect at least 90% of restaurants annually.

**Effectiveness Measure:** Number of illicit discharges abated; % of restaurants in compliance.

### **LOCAL PROGRAMS: YOUNTVILLE, ST. HELENA.**

**Old Performance Measure:** None. See County-wide Program above.

**New Performance Measure:** Inspect at least 50% of restaurants annually.

**Effectiveness Measure:** Number of illicit discharges abated; % of restaurants in compliance.

In the first year of the SWMP, the County-wide Program contracted with the Napa County DEM to include a stormwater education component to their existing restaurant inspection program. The cost of expanding this contract to include inspections would be cost prohibitive to the County-wide Program. This task is modified to change the responsibility of restaurant inspections from the County-wide Program to the Local Programs. The modification also increases the percentage of restaurants inspected annually from 25% to 90% for facilities in the City of Napa, Calistoga, and the unincorporated area of Napa County and 50% for facilities in the Town of Yountville and City of St. Helena.

The Local Programs have taken two different approaches to implementing a stormwater inspection program within their jurisdiction. In one approach, the DEM is collecting fees and conducting stormwater inspections on behalf of the City of Napa, Calistoga, and Napa County. On the other hand, the Town of Yountville and City of St. Helena have decided to conduct their own stormwater inspections with the intent of improving compliance with local stormwater and wastewater requirements. In either case the Local Programs are integrating the stormwater inspection program with other inspection programs to minimize costs for the business and the agency.

## **TASK 4G CUPA INSPECTIONS**

### **COUNTY-WIDE PROGRAM**

**Old Performance Measure:** Inspect at least 300 business plan facilities per year.

**New Performance Measure:** None. See Local Programs below.

### **LOCAL PROGRAMS: NAPA, CALISTOGA, NAPA COUNTY.**

**Performance Measure:** Inspect at least 25% of business plan facilities annually.

**Effectiveness Measure:** Number of illicit discharges abated; % of restaurants in compliance.

### **LOCAL PROGRAMS: YOUNTVILLE, ST. HELENA.**

**Performance Measure:** Inspect at least 25% of business plan facilities annually.

**Effectiveness Measure:** Number of illicit discharges abated; % of restaurants in compliance.

In the first year of the SWMP, the County-wide Program contracted with Napa County DEM to include a stormwater education component to their existing business plan facility (CUPA) inspection program. The cost of expanding this contract to include inspections would be cost prohibitive to the County-wide Program. This task is modified to change the responsibility of CUPA inspections from the County-wide Program to the Local Programs.

The Local Programs have taken two different approaches to implementing a stormwater inspection program within their jurisdiction. In one approach, the DEM is collecting fees and conducting stormwater inspections on behalf of the City of Napa, Calistoga, and Napa County. On the other hand, the Town of Yountville and City of St. Helena have decided to conduct their

## NAPA COUNTY SWMP – ANNUAL REPORT FY 04/05

own stormwater inspections with the intent of improving compliance with local stormwater and wastewater requirements. In either case the Local Programs are integrating the stormwater inspection program with other inspection programs to minimize costs for the business and the agency.

The percent of CUPA facilities inspected per year is also slightly reduced due to the fact that the original performance measure, 300 facilities per year, is approximately the number of facilities DEM visits each year. The performance measure reduction from 300 facilities per year (approximately 33%) to 25% of the facilities per year is designed accommodate DEM's inspection schedule which is not designed to cover an equal proportion of the facilities in each municipality.

### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Illicit Discharge Detection and Elimination measurable goals.

## **IV. CONSTRUCTION SITE RUNOFF CONTROL**

### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 14.

### **MODIFICATIONS TO MEASURABLE GOALS**

#### **TASK 3E. CONSTRUCTION SITE INSPECTIONS**

##### **LOCAL PROGRAMS: YOUNTVILLE, ST. HELENA, CALISTOGA.**

**Old Performance Measure:** Inspect 5 construction sites within 48hrs of a major (>0.25 inches/24hrs) storm event.

**New Performance Measure:** Inspect all projects > 1 acre at onset of the wet season; Inspect all projects > 1 acre within 48 hours of a storm event (>0.25 inches/24hours) from April 16th through December 31<sup>st</sup>; Inspect all projects > 1 acre within 48 hours of a storm event (>1.0 inches/24hours) from January 1 through April 15<sup>th</sup>.

It was found that the old performance resulted in too many site visits to the same projects. The inspections were very effective in the early part of the rainy season, but became redundant as BMP implementation improved and the site was effectively protected from non-stormwater discharges. The new performance measure is designed to initiate inspections for small rain events in the dry season and early part of the rainy season and larger rain events in the later part of the rainy season. The adequacy of this performance measure will be assessed on an ongoing basis based on the number of illicit discharges from construction sites reported from the public and municipal staff.

#### **TASK 4E. CONSTRUCTION SITE RUNOFF CONTROL WORKSHOP**

##### **ALL LOCAL PROGRAMS**

**Old Performance Measure:** At least one planner/inspector and one public works employee shall attend.

**New Performance Measure:** At least one planner or inspector and one public works employee shall attend every other year.

### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Construction Site Runoff Control Measurable Goals.

## **IV. POST-CONSTRUCTION RUNOFF MANAGEMENT**

### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 15.

### **MODIFICATIONS TO MEASURABLE GOALS**

#### **TASK 2B – 2V. ADOPT DESIGN STANDARDS**

##### **LOCAL PROGRAMS: YOUNTVILLE, CALISTOGA, NAPA COUNTY**

**Performance Measure:** Adopt standards.

The draft Post-Construction Runoff Management requirements were not adopted in FY04/05 because they had not been fully reviewed by stakeholders in the community. The adoption of these requirements are rescheduled for FY05/06 to allow adequate time for stakeholder groups to review and comment on the proposed requirements. The public participation in the development of the requirements is essential to ensure that post-construction requirements are clear and easy to understand, are fairly consistent from agency to agency, and maximize the reduction of pollutants in stormwater runoff to the MEP.

#### **TASK 2E. PROTECT SLOPES AND CHANNELS**

##### **LOCAL PROGRAMS: NAPA**

**Performance Measure:** Adopt standards.

The City of Napa adopted interim post-construction BMP requirements that address all the standards in Attachment 4 of the Phase II permit except controlling downstream erosion from new development. The city currently requires subdivisions and other large projects to provide detention for the 100 year storm event, however, additional standards are required to ensure that downstream erosion is minimized to the MEP. The city is currently preparing post-construction BMP requirements which include measures for protecting stream banks from erosion. These requirements will be adopted in FY05/06.

#### **TASK 3A. ADOPT PLAN REVIEW PROCESS**

##### **LOCAL PROGRAMS: YOUNTVILLE, CALISTOGA, NAPA COUNTY**

**Performance Measure:** Adopt plan review process to incorporate design standards.

The draft plan review process is included in the draft post-construction runoff control requirements and will be implemented when the requirements are adopted and take effect.

### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Post-Construction Runoff Management Measurable Goals.

## **IV. MUNICIPAL OPERATIONS**

### **GOALS FOR THE 3<sup>RD</sup> YEAR**

See Table 16.

### **MODIFICATIONS TO MEASURABLE GOALS**

No modifications are proposed for the Municipal Operations Measurable Goals.

### **ADDITIONS TO MEASURABLE GOALS**

No additions are proposed for the Municipal Operations Measurable Goals.